

| Ref # | Hits  | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-------|------------------|---------|------------------|
| S1    | 13051 | 709/249 709/225 709/226 709/217 709/218 714/6 714/25 395/489  | USPAT | OR               | OFF     | 2004/07/10 20:32 |
| S2    | 17    | S1 and storage and remote and system and device\$1 and stor\$6 and remote and system and device\$1 and table and switch and port\$1 and throughput and mapp\$3 and volume and table and status and maximum and minimum and threshold and priority and polic\$3 and networks and group\$3 and user   | USPAT | OR               | OFF     | 2004/07/10 20:33 |
| S3    | 0     | (storage and remote and copy and device\$1).ti.   | USPAT | OR               | OFF     | 2004/07/10 15:17 |
| S4    | 3     | (storage and remote and system and device\$1).ti.   | USPAT | OR               | OFF     | 2004/07/10 15:37 |
| S5    | 194   | "5459857" "5544347" "5933653"   | USPAT | OR               | OFF     | 2004/07/10 15:34 |
| S6    | 1     | "6701455"   | USPAT | OR               | OFF     | 2004/07/10 15:27 |
| S7    | 2     | (stor\$6 and remote and system and device\$1 and table and switch).ab.  | USPAT | OR               | OFF     | 2004/07/10 15:35 |
| S8    | 17    | (storage near3 system near3 remote).ti.   | USPAT | OR               | OFF     | 2004/07/10 15:38 |
| S11   | 12    | ((((storage near3 system near3 remote).ti.) ((storage near3 system near3 remote).ab.) ("5459857" "5544347" "5933653") ((storage and remote and system and device\$1).ti.) ((stor\$6 and remote and system and device\$1 and table and switch).ab.)) and port\$1 and throughput and mapp\$3 and volume   | USPAT | OR               | OFF     | 2004/07/10 15:50 |
| S17   | 3     | ((((storage near3 system near3 remote).ti.) ((storage near3 system near3 remote).ab.) ("5459857" "5544347" "5933653") ((storage and remote and system and device\$1).ti.) ((stor\$6 and remote and system and device\$1 and table and switch).ab.)) and port\$1 and throughput and mapp\$3 and volume and table and status and maximum and minimum and threshold and priority | USPAT | OR               | OFF     | 2004/07/10 18:04 |

|     |   |   |       |    |     |                  |
|-----|---|---|-------|----|-----|------------------|
| S18 | 3 | ((storage near3 system near3 remote).ti.) ((storage near3 system near3 remote).ab.) ("5459857" "5544347" "5933653") ((storage and remote and system and device\$1).ti.) ((stor\$6 and remote and system and device\$1 and table and switch).ab.)) and port\$1 and throughput and mapp\$3 and volume and table and status and maximum and minimum and threshold and priority and policy          | USPAT | OR | OFF | 2004/07/10 15:52 |
| S19 | 3 | ((storage near3 system near3 remote).ti.) ((storage near3 system near3 remote).ab.) ("5459857" "5544347" "5933653") ((storage and remote and system and device\$1).ti.) ((stor\$6 and remote and system and device\$1 and table and switch).ab.)) and port\$1 and throughput and mapp\$3 and volume and table and status and maximum and minimum and threshold and priority and policy and copy | USPAT | OR | OFF | 2004/07/10 15:55 |
| S21 | 5 | emc.as. and port\$1 and throughput and mapp\$3 and volume and table and status and maximum and minimum and threshold and priority and policy and copy   | USPAT | OR | OFF | 2004/07/10 15:56 |
| S23 | 1 | emc.as. and port\$1 and throughput and mapp\$3 and volume and table and status and maximum and minimum and threshold and priority and policy and copy and path  | USPAT | OR | OFF | 2004/07/10 16:16 |
| S27 | 3 | ((storage near3 system near3 remote).ti.) ((storage near3 system near3 remote).ab.) ("5459857" "5544347" "5933653") ((storage and remote and system and device\$1).ti.) ((stor\$6 and remote and system and device\$1 and table and switch).ab.)) and port\$1 and throughput and mapp\$3 and volume and table and path\$1 and selection   | USPAT | OR | OFF | 2004/07/10 16:21 |

|     |   |   |       |    |     |                  |
|-----|---|---|-------|----|-----|------------------|
| S28 | 3 | ((storage near3 system near3 remote).ti.) ((storage near3 system near3 remote).ab.) ("5459857" "5544347" "5933653") ((storage and remote and system and device\$1).ti.) ((stor\$6 and remote and system and device\$1 and table and switch).ab.)) and port\$1 and throughput and mapp\$3 and volume and table and path\$1 and selection and networks  | USPAT | OR | OFF | 2004/07/10 16:21 |
| S29 | 1 | ((storage near3 system near3 remote).ti.) ((storage near3 system near3 remote).ab.) ("5459857" "5544347" "5933653") ((storage and remote and system and device\$1).ti.) ((stor\$6 and remote and system and device\$1 and table and switch).ab.)) and (path\$1 near3 selection)   | USPAT | OR | OFF | 2004/07/10 16:33 |
| S31 | 0 | "5680580".URPN. and (path\$1 adj2 selection) and polic\$4   | USPAT | OR | OFF | 2004/07/10 16:39 |
| S32 | 0 | "5680580".URPN. and (path\$1 with selection) and polic\$4   | USPAT | OR | OFF | 2004/07/10 16:39 |
| S33 | 1 | "5680580".URPN. and (path\$1 with selection)  | USPAT | OR | OFF | 2004/07/10 16:39 |
| S34 | 3 | ((storage near3 system near3 remote).ti.) ((storage near3 system near3 remote).ab.) ("5459857" "5544347" "5933653") ((storage and remote and system and device\$1).ti.) ((stor\$6 and remote and system and device\$1 and table and switch).ab.)) and port\$1 and throughput and mapp\$3 and volume and table and status and maximum and minimum and threshold and priority and polic\$3 and networks                       | USPAT | OR | OFF | 2004/07/10 18:06 |
| S35 | 3 | ((storage near3 system near3 remote).ti.) ((storage near3 system near3 remote).ab.) ("5459857" "5544347" "5933653") ((storage and remote and system and device\$1).ti.) ((stor\$6 and remote and system and device\$1 and table and switch).ab.)) and port\$1 and throughput and mapp\$3 and volume and table and status and maximum and minimum and threshold and priority and polic\$3 and networks and group\$3 and user | USPAT | OR | OFF | 2004/07/10 20:27 |
| S36 | 1 | "6810491"   | USPAT | OR | OFF | 2005/02/04 20:16 |

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|-----|-----|---|-------|----|-----|------------------|
| S37 | 19  | remote with mirror with copy with data with storage   | USPAT | OR | OFF | 2005/02/04 20:33 |
| S38 | 38  | "5680580"   | USPAT | OR | OFF | 2005/02/04 20:29 |
| S39 | 17  | "6324654"   | USPAT | OR | OFF | 2005/02/04 20:31 |
| S40 | 4   | "6553401"   | USPAT | OR | OFF | 2005/02/04 20:31 |
| S41 | 0   | S37 and ((user\$2 customer\$2) near2 polic\$3)  | USPAT | OR | OFF | 2005/02/04 20:34 |
| S42 | 0   | S37 and ((user\$2 customer\$2) with polic\$3)   | USPAT | OR | OFF | 2005/02/04 20:34 |
| S46 | 19  | remote with mirror with copy with data with storage   | USPAT | OR | OFF | 2005/02/05 18:05 |
| S47 | 10  | S46 and polic\$3 and volume\$1  | USPAT | OR | OFF | 2005/02/05 19:13 |
| S50 | 10  | (remote with mirror with copy with data with storage) and private and (public internet)                         | USPAT | OR | OFF | 2005/02/05 18:06 |
| S51 | 1   | (remote with mirror with copy with data with storage) and (private) and (public internet) near2 network\$1      | USPAT | OR | OFF | 2005/02/05 18:50 |
| S52 | 1   | (remote near2 copy) and (mirror\$3 with data with storage) and (private) and (public internet) near2 network\$1 | USPAT | OR | OFF | 2005/02/05 19:01 |
| S53 | 4   | "6553401"   | USPAT | OR | OFF | 2005/02/05 19:01 |
| S54 | 7   | S46 and polic\$3 and volume\$1 and priority   | USPAT | OR | OFF | 2005/02/05 19:14 |
| S55 | 0   | S46 and polic\$3 and volume\$1 and (priority near4 network)   | USPAT | OR | OFF | 2005/02/05 19:14 |
| S56 | 297 | (higher near4 priority near4 network)   | USPAT | OR | OFF | 2005/02/05 19:17 |
| S57 | 0   | S56 and (remote near2 copy)   | USPAT | OR | OFF | 2005/02/05 19:15 |
| S59 | 2   | (higher near4 priority near4 network) same user same defined  | USPAT | OR | OFF | 2005/02/05 19:20 |
| S60 | 51  | (first with network with higher with priority with second)  | USPAT | OR | OFF | 2005/02/05 19:52 |
| S61 | 38  | "5680580"   | USPAT | OR | OFF | 2005/02/05 20:51 |
| S62 | 20  | (709/203 709/224 709/223 709/217 711/162) and (remote with mirror\$3 with copy\$3) and networks                 | USPAT | OR | OFF | 2005/02/05 21:16 |
| S70 | 480 | network with (primary private) with (secondary private) with storage  | USPAT | OR | OFF | 2005/07/26 19:21 |
| S73 | 7   | S70 and (path near3 selection)  | USPAT | OR | OFF | 2005/07/26 19:22 |
| S74 | 2   | S70 and (path near3 selection) and ((remote near copy) mirror\$3)   | USPAT | OR | OFF | 2005/07/26 19:26 |
| S75 | 94  | S70 and ((remote near copy) mirror\$3)  | USPAT | OR | OFF | 2005/07/26 19:26 |

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|----------|-----|---|--------------------|----|-----|------------------|
| S76      | 72  | S70 and ((remote near copy) mirror\$3) and ( network near5 (primary private)) and (network with (secondary private))            | USPAT              | OR | ON  | 2005/07/26 19:28 |
| S77      | 17  | S70 and ((remote near copy) mirror\$3) same ( network near5 (primary private)) same (network with (secondary private))          | USPAT              | OR | ON  | 2005/07/26 20:42 |
| S80      | 13  | S70 and ((remote near copy) mirror\$3) same ( network near5 (primary private)) same (network with (secondary private)) and path | USPAT              | OR | ON  | 2005/07/27 10:37 |
| S10<br>4 | 53  | "6173377"   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/30 17:21 |
| S10<br>5 | 7   | S104 and private  | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/30 17:24 |
| S10<br>6 | 5   | S104 and private and networks   | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/30 17:42 |
| S10<br>7 | 0   | S104 and (private with networks)  | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/30 17:41 |
| S10<br>8 | 3   | S104 and private and networks and priority  | US-PGPUB;<br>USPAT | OR | OFF | 2005/07/30 17:47 |
| S10<br>9 | 245 | (plurality same network same (first public wan internet) same (second private lan secure) same priority).<br>clm.               | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/30 17:48 |
| S11<br>0 | 138 | (plurality same network same (first public wan internet) same (second private lan secure) same priority).<br>clm.               | USPAT              | OR | ON  | 2005/07/30 17:49 |
| S11<br>1 | 0   | S109 and (stroage same port)  | USPAT              | OR | ON  | 2005/07/30 17:50 |
| S11<br>2 | 0   | S109 and (stroage and port)   | USPAT              | OR | ON  | 2005/07/30 17:50 |
| S11<br>3 | 0   | S109 and (stroage same port)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/30 17:50 |
| S11<br>4 | 30  | S109 and (storage same port)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/30 18:57 |
| S11<br>5 | 137 | remote with mirror with cop\$3  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/30 18:58 |
| S11<br>6 | 6   | S115 and user near2 policy  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/30 18:58 |
| S11<br>7 | 6   | S116 and priority   | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/30 19:02 |
| S11<br>8 | 2   | S116 and (network with priority)  | US-PGPUB;<br>USPAT | OR | ON  | 2005/07/30 19:04 |

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|----------|-------|--|--------------------|----|----|------------------|
| S11<br>9 | 24142 | 709/217 09/249 709/218 709/219<br>711/158 711/162 711/100 707/204<br>707/10  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 19:09 |
| S12<br>0 | 6     | S119 and (remote with (mirror\$3<br>backup) with (cop\$4 stor\$4)) and<br>(plurality with port\$1) and policy  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 21:14 |
| S12<br>1 | 1     | S120 and (priority with network)   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 19:22 |
| S12<br>2 | 490   | "5459857" "5537533" "5544347"<br>"5778165" "5875479" "5889935"<br>"5909700" "5933653" "5937414"<br>"5974563" "6115784" "6122713"<br>"6173377" "6189079" "6192281"<br>"6269381" | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 19:21 |
| S12<br>3 | 17    | S122 and (priority with network)   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 19:23 |
| S12<br>4 | 0     | S122 and (priority with network with<br>policy)  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 19:23 |
| S12<br>5 | 2     | S122 and (priority same network<br>same policy)  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 19:23 |
| S12<br>6 | 4     | S122 and (priority with policy)  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 19:24 |
| S12<br>7 | 4     | S122 and (priority with polic\$4)  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 19:25 |
| S12<br>8 | 19    | S122 and (priorit\$3 and polic\$4)<br>and ports  | US-PGPUB;<br>USPAT | OR | ON | 2005/08/03 20:28 |
| S12<br>9 | 6     | S122 and ((priorit\$3 same network)<br>and polic\$4) and ports   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 20:47 |
| S13<br>0 | 52    | ((first private primary secure loca)<br>near2 network) near10 priority<br>near10 higher  | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 20:53 |
| S13<br>1 | 3     | ((first private primary secure loca)<br>near2 network) near10 priority<br>near10 higher) and (mirror\$3<br>(remote near copy))   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 20:54 |
| S13<br>2 | 21    | ((first private primary secure loca)<br>near2 network) near10 priority )<br>and (mirror\$3 (remote near copy))   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 20:54 |
| S13<br>3 | 46    | S119 and (remote with (mirror\$3<br>backup replicat\$3) with (cop\$4<br>stor\$4)) and (port\$1) and policy   | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 21:17 |
| S13<br>4 | 26    | S119 and (remote with (mirror\$3<br>backup replicat\$3) with (cop\$4<br>stor\$4)) and (port\$1) and policy and<br>(priority precendence)                                       | US-PGPUB;<br>USPAT | OR | ON | 2005/07/30 21:20 |

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|----------|----|--|--|----|-----|------------------|
| S13<br>5 | 15 | S119 and (remote with (mirror\$3 backup replicat\$3) with (cop\$4 stor\$4)) and (port\$1) and policy and (priority precedence)   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/30 21:38 |
| S13<br>6 | 1  | ((mirror\$3 backup replicat\$3) near10 (cop\$4 stor\$4)) and ((port\$1 path) near10 selection) and (((client user\$2) near3 policy) same (priority precedence))            | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/30 21:42 |
| S13<br>7 | 1  | ((mirror\$3 backup replicat\$3) near10 (cop\$4 stor\$4)) and ((port\$1 path) near10 selection) and (((client user\$2) near3 policy) same (priority primary precedence))    | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/30 21:42 |
| S13<br>8 | 1  | ((mirror\$3 backup replicat\$3) near10 (cop\$4 stor\$4)) and ((port\$1 path) near10 selection) and (((client user\$2) near3 policy) same (priority\$3 primary precedence)) | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/30 21:48 |
| S13<br>9 | 22 | policy with path with groups   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/30 21:48 |
| S14<br>0 | 1  | policy with path with groups with priority   | USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2005/07/30 21:49 |
| S15<br>1 | 0  | (remote near COPY) same priority\$8  | US-PGPUB;<br>USPAT                                   | OR | ON  | 2005/08/03 20:28 |
| S15<br>2 | 31 | (remote near COPY) same priority\$8  | US-PGPUB;<br>USPAT                                   | OR | ON  | 2005/08/03 20:33 |
| S15<br>3 | 1  | ((remote near COPY) same priority\$8) and policy and monitor\$3  | US-PGPUB;<br>USPAT                                   | OR | ON  | 2005/08/03 20:33 |
| S15<br>4 | 8  | ((remote near COPY) same priority\$8) and monitor\$3   | US-PGPUB;<br>USPAT                                   | OR | ON  | 2005/08/03 20:34 |
| S15<br>5 | 1  | ((remote near COPY) same priority\$8) and monitor\$3 and busy  | US-PGPUB;<br>USPAT                                   | OR | ON  | 2005/08/03 20:34 |
| S15<br>6 | 7  | ((remote near COPY) same priority\$8) and monitor\$3 and available   | US-PGPUB;<br>USPAT                                   | OR | ON  | 2005/08/04 13:28 |
| S15<br>7 | 1  | "6205557".pn.  | USPAT  | OR | OFF | 2005/08/04 13:28 |